RISHU SHARMA

Uttar Pradesh, India

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PROFESSIONAL SUMMARY

Detail-oriented and driven individual with a strong foundation in programming, data analysis, and software development. Proficient in Python, C++, SQL, and web technologies. Skilled in problem-solving, teamwork, and adaptability in dynamic environments, with a keen eagerness to learn and master emerging technologies.

EDUCATION

B.Tech in CSE (Data Science) – CGPA: 9.7/10   **2023 – 2027 (Pursuing)**
Swami Keshvanand Institute of Technology, Management and Gramothan   *Jaipur, Rajasthan*

Senior Secondary (Class XII) – 85%   **2023**
D.C. Public School   *Uttar Pradesh*

Secondary (Class X) – 95.17%   **2021**
D.C. Public School   *Uttar Pradesh*

EXPERIENCE

Kistechnosoftware pvt. ltd   **July 2024**
Software Engineering Intern   *Jaipur, Rajasthan*
- Developed and optimized responsive web interfaces using HTML, CSS, and JavaScript.
- Managed backend data operations with MySQL and implemented version control using Git and GitHub.
- Followed software design principles to structure reusable code modules and maintain readability across components.

PROJECTS

SpamRadar – SMS Spam Classifier | *Live Demo*   **GitHub**
- Developed an ML app using Multinomial Naive Bayes for SMS classification (96.8% accuracy).
- Added batch classification, real-time predictions, and confidence scores using Streamlit.
- Logged predictions securely with SQLite and enhanced UX via trigger word highlights.
- Implemented TF-IDF vectorization and preprocessing for text inputs; deployed app on Streamlit Cloud.

EDA: Global Sugarcane Production | *Python, Pandas, Matplotlib, Seaborn*   **GitHub**
- Analyzed production, yield, and area metrics across 100+ countries using pandas.
- Created 12+ visualizations using matplotlib, seaborn, and plotly.
- Generated automated profiling report for statistical analysis and correlation insights.

TECHNICAL SKILLS

- **Languages:** C++, Python, SQL, HTML, CSS
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Plotly
- **Tools/Frameworks:** Git, GitHub, Streamlit, Jupyter, VS Code, SQLite, Canva, Figma, Google Colab
- **Core Areas:** Data Structures and Algorithms, DBMS, OOPs, Computer Networks

COURSES AND CERTIFICATES

- **NPTEL Certificates:** Programming in Modern C++, Problem Solving Through Programming in C, DBMS, Soft Skills
- **Completed Courses:** Front-End Web Development – Reliance Foundation Skilling Academy, Python Course by GfG
- **Ongoing Course:** Data Science and Machine Learning – GeeksforGeeks

EXTRA-CURRICULAR ACHIEVEMENTS & ACTIVITIES

- **Sports:** Selected for West Zone Basketball Tournament 2024 (RTU Kota team); Winner – RTU Inter-College Basketball Tournaments (2023, 2024); Runner-Up – Aaveg 2024
- **Hackathons:** SIH 2024 (Internal Round) – Proposed a real-world solution; gained hands-on experience in innovation and collaborative problem-solving.
- **Scholarships:** Pragati Scholarship Awardee 2023 (NSP) – among top 5,000 meritorious female students across India
- **Leadership:** Contributed to managing and coordinating the Documentation Work for Pravah 2025(Annual Fest, SKIT).
- **Volunteering:** Mega Blood Donation Camp 2024, Aaveg 2024 (Annual Sports Fest, SKIT)